CLAIMS: *Please amend the claims according to the status designations in the following list, which contains all claims that were ever in the application, with the text of all active claims.*

1. – 8. (CANCELED)

9. (CURRENTLY AMENDED) A method for interacting with a service system from inside a vehicle without physical contact with the system, comprising steps of:

(a) showing visual information on a display,

(b) capturing a plurality of input images of a person, who wants to use the system, and the vehicle in which said person is sitting,

(c) processing said plurality of input images in order to extract motion information in a contact-free manner,

(d) performing interaction based on the extracted motion information that allows said person to interact with the shown visual information, and

(e) processing the interaction results of said person with said service system,

[~~The method according to claim 1,~~] wherein the step of performing [~~contact free interaction~~] contact-free interaction is possible regardless whether said vehicle's window is open or closed.

10. (CURRENTLY AMENDED) The method according to claim [~~1~~] 9, wherein the step of processing the interaction results involves updating [~~said digital content~~] said visual information on a display when said [~~user~~] person is looking at [~~said~~] the display system.

11. – 22. (CANCELED)

23. (CURRENTLY AMENDED) An apparatus for interacting with a service system from inside a vehicle without physical contact with the system, comprising:

(a) means for showing visual information,

(b) means for capturing a plurality of input images of a person, who wants to use the system, and the vehicle in which said person is sitting,

(c) means for processing said plurality of input images in order to extract motion information in a contact-free manner,

(d) means for performing interaction based on the extracted motion information that allows said person to interact with the shown visual information, and

(e) means for processing the interaction results of said person with said service system,

[~~The apparatus according to claim 15,~~] wherein the [~~step of~~] means for performing [~~contact free interaction~~] contact-free interaction is possible regardless whether said vehicle's window is open or closed.

24. (CURRENTLY AMENDED) The apparatus according to claim [~~15~~] 23, wherein the [~~step of processing results~~] means for processing the interaction results involves updating [~~said digital content~~] said visual information when said [~~user~~] person is looking at [~~said display system~~] the means for showing visual information.

25. – 28. (CANCELED)

29. (NEW) The method according to claim 9, wherein the step of showing visual information on a display further comprises a step for showing elements that can be selected or manipulated by the contact-free interaction,

whereby said visual information can be shown on an electronic display or on a static display board,

whereby said visual information shows products or food items for purchase, and whereby exemplary embodiments of said elements can be menus, graphical depictions of buttons, and icons.

30. (NEW) The method according to claim 9, wherein the step of capturing said plurality of input images of the person and the contact-free interaction further comprises a step for using one or a plurality of image-capturing devices for the capturing.

31. (NEW) The method according to claim 9, wherein the contact-free interaction further comprises a step for allowing a certain degree of spatial freedom in parking said vehicle and interacting with the system by said person,

whereby the spatial freedom can be realized in an exemplary maximum interaction range volume and an exemplary optimal interaction volume in a virtual space, which change according to the physical dimension of the person in the vehicle and the vehicle.

32. (NEW) The method according to claim 9, wherein the method further comprises a step for adjusting the main content display region in the display system according to the vehicle's parking position and said person's height,

whereby the adjustment makes said person easier to interact with the system even if various vehicle have different heights depending on the type of the vehicle, and

whereby the other parts of the display screen, where the main content is not shown, can be used for advertisement or promotion.

33. (NEW) The method according to claim 9, wherein the step of processing the interaction results further comprises a step for collecting a plurality of data about said person and the interaction,

whereby exemplary statistics gathered by the data collection can include, the amount of time to finish the interaction, the division of people in demographic groups, the traffic measurement, such as traffic composition by time of day, day of week, and demographic shifts, and the customer behavior, such as the time spent at a particular item selection screen or whether purchases are made or not.

34. (NEW) The method according to claim 9, wherein the step of processing said plurality of input images in order to extract motion information in a contact-free manner further comprises a step for processing the detection of said person's vehicle and a localization of the vehicle window.

35. (NEW) The method according to claim 9, wherein the step of processing said plurality of input images in order to extract motion information in a contact-free manner further comprises a step for performing face detection and hand tracking.

36. (NEW) The method according to claim 9, wherein the step of performing interaction further comprises a step for allowing said person to purchase food items or non-food items, such as pharmaceuticals, or where it is designed to provide services, such as banking, using the contact-free interface.

37. (NEW) The apparatus according to claim 23, wherein the means for showing visual information further comprises means for showing elements that can be selected or manipulated by the contact-free interaction,

whereby said visual information can be shown on means for electronic display or means for static display,

whereby said visual information shows products or food items for purchase, and whereby exemplary embodiments of said elements can be menus, graphical depictions of buttons, and icons.

38. (NEW) The apparatus according to claim 23, wherein the means for capturing said plurality of input images of the person and the contact-free interaction further comprises means for using one or a plurality of image-capturing devices for the capturing.

39. (NEW) The apparatus according to claim 23, wherein the contact-free interaction further comprises means for allowing a certain degree of spatial freedom in parking said vehicle and interacting with the system by said person,

whereby the spatial freedom can be realized in an exemplary maximum interaction range volume and an exemplary optimal interaction volume in a virtual space, which change according to the physical dimension of the person in the vehicle and the vehicle.

40. (NEW) The apparatus according to claim 23, wherein the apparatus further comprises means for adjusting the main content display region in the means for showing visual information according to the vehicle's parking position and said person's height,

whereby the adjustment makes said person easier to interact with the system even if various vehicle have different heights depending on the type of the vehicle, and

whereby the other parts of the display screen, where the main content is not shown, can be used for advertisement or promotion.

41. (NEW) The apparatus according to claim 23, wherein the means for processing the interaction results further comprises means for collecting a plurality of data about said person and the interaction,

whereby exemplary statistics gathered by the data collection can include, the amount of time to finish the interaction, the division of people in demographic groups, the traffic measurement, such as traffic composition by time of day, day of week, and demographic shifts, and the customer behavior, such as the time spent at a particular item selection screen or whether purchases are made or not.

42. (NEW) The apparatus according to claim 23, wherein the means for processing said plurality of input images in order to extract motion information in a contact-free manner further comprises means for processing the detection of said person's vehicle and a localization of the vehicle window.

43. (NEW) The apparatus according to claim 23, wherein the means for processing said plurality of input images in order to extract motion information in a contact-free manner further comprises means for performing face detection and hand tracking.

44. (NEW) The apparatus according to claim 23, wherein the means for performing interaction further comprises means for allowing said person to purchase food items or non-food items, such as pharmaceuticals, or where it is designed to provide services, such as banking, using the contact-free interface.